

PROTECT WITH
CONFIDENCE

Raven Lining Systems
Raven 581 Chimney Seal

Launch and Training Material





Features & Benefits

- Low moisture sensitivity to stop I&I
- Convenient 750ml x 750 ml cartridges for easy storage and handling
- Easy to use pneumatic dispenser, with a 90° spray nozzle - Attach to your compressor & shoot
- Fast cure and turn around time
- Yellow design shows proper coverage to optimize top coat thickness & costs



All Chimney Seals are not created equal, so trust your Chimney Seal needs to an industry leader... Raven Linings



What is Raven 581 Chimney Seal?

- Modified Polyurethane
- 100% solids = No VOC's
- Low moisture sensitivity
- Extremely flexible, over 600% elongation
- High tensile strength, over 2700 psi
- Compatible with most substrates





Applications for Raven 581

Protection and rehabilitation of concrete or steel structures
“Stops I&I between the manhole frame and chimney area”

- Manhole Chimney Seals
- Primed or Un-Primed Steel
- Primed Aluminum
- OEM Applications
- Concrete Waterproofing
- Industrial Facilities





Raven 581 Packaging

- Convenient dual 750ml cartridges, easy storage and handling
- Kit covers over 6sf of surface area = typical 24" round x 12" deep chimney at 100 mils
- Packaged with 6 cartridges and 90° spray nozzles per case (40 cases/pallet)
- Custom colors available for your company
- Ability to purchase additional spray wands





Raven 581 Application Process

Overview

1. Safety
2. Surface preparation
3. Environmental conditions
4. Application methods: Spray
5. Set Time & Re-coating Window





Safety



- Eye protection should be utilized at all times
- Respiratory protection during the mixing procedures and application
- Limit exposure to ones skin by utilizing gloves, Tyvek suits, and long sleeves



Surface Preparation

- Stop active infiltration
- Remove surface contaminants
- Remove loose impediments
- Abrade to develop **min CSP 3** profile and open porosity
- Can be achieved utilizing:
 - ✓ Hand Grinder
 - ✓ Abrasive blasting
 - ✓ Bristle Blaster brush
 - ✓ Other means as required





Environmental Conditions



- Substrate temperature between 0°F – 150°F at the time of application
- Low Humidity, Dry Surface
- The recommended temperature range for storage is between 65 and 85 degrees Fahrenheit



Application of 581

1. Shake the 750ml cartridges to disperse pigment
2. Remove cap, cartridge plugs and attach mix tube.
3. Attach the Raven supplied 90 degree spray tip for direct application, fills gaps under frames

Gells in 10 Seconds at 72°F





Application of 581

- 4 Release plungers on gun, back to accept the cartridge
5. Insert cartridge into gun
6. Attach air regulated hose to tip
7. Attach air supply to spray gun
8. Spray into waste pail for 3 seconds
9. Begin application

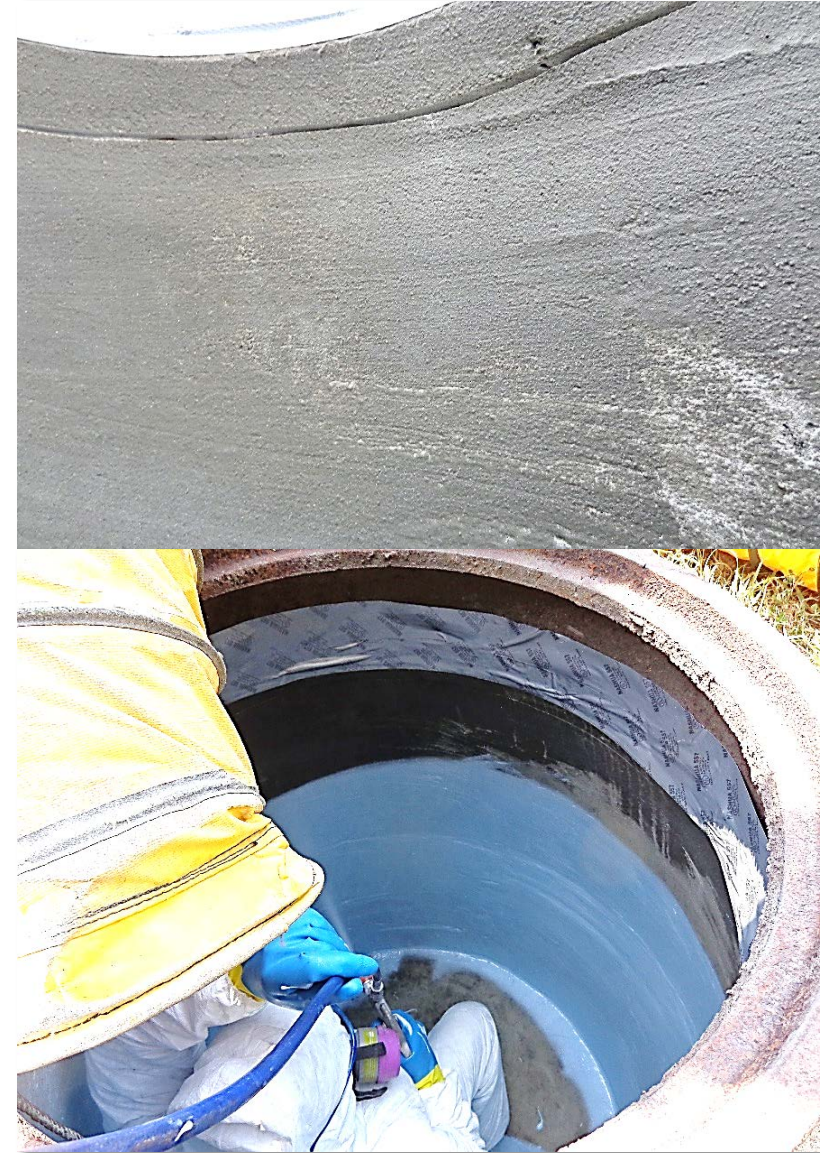
Consistent Yellow Color = Proper film thickness





Re-coat & Top coating

- Re-coating with 581 can commence immediately
- Before top coating, make sure the surface is clean, dry and free of contaminations
- Maximum Recoat time of 1 hour at 72°F





Pricing

Raven 581 supplied in 750 x 750ml kit:

- Sold in Full Cases (6 kits): \$ 85/kit
- Full pallet = 40 cases \$ 75/kit
- FOB Broken Arrow, OK
- 2 week lead time

918.615.0020 or 800.324.2810 | www.ravenlining.com

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To obtain samples for testing, please contact your regional sales manager or technical service specialist



RAVEN 581

Flexible Manhole Chimney Seal

